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ABSTRACT OF THE DISCLOSURE

An interoperable receiver adapted to receive signals in multiple SDARS bands.

- 5 The advantageous operation is afforded by the design of the receiver by which an entire band consisting of multiple carriers is received at one time. Receipt and processing of each SDARS band signals is then effectuated by retuning a synthesizer as necessary. In the illustrative embodiment, the invention further includes circuitry for simultaneously receiving first and second ensembles. The first ensemble including a first signal from a
- 10 first source, a first signal from a second source and a first signal from a third source. The second ensemble including a second signal from the first source, a second signal from the second source and a second signal from the third source. In a preferred embodiment, the inventive receiver is adapted to receive and output audio signals along with data signals simultaneously.

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